

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#5C
12/9/02
ARK

Application of

Applicant : Powell, et al.
 Application No. : 10/039,517
 Filed : January 3, 2002
 Title : SYSTEM AND DEVICE INCLUDING BARRIER LAYER
 Docket : MIO 0059 V2
 Examiner : D. Le
 Art Unit : 2818

CERTIFICATE OF FACSIMILE TRANSMISSION
 I hereby certify that this paper is being facsimile transmitted to the Patent and Trademark
 Office (Fax. No. 703/308-7722) on November 22, 2002.

Julie Cope
 Julie G. Cope Reg. No. 48,624

FAX RECEIVED

Assistant Commissioner of Patents and Trademarks
 Washington DC 20231

NOV 22 2002

Sir:

TECHNOLOGY CENTER 2800

SUPPLEMENTAL AMENDMENT

This paper is being filed as a supplemental response to the office action mailed on August 26, 2002. An amendment was filed on October 29, 2002 that is fully responsive to the rejections stated in the office action mailed on August 26, 2002. This supplemental amendment seeks to add new claims, that do not add any new matter, and show the patentability of the new claims over the cited prior art. Entry of this amendment is requested.

CLEAN VERSION OF THE AMENDMENTS

(A version of these amendments with markings to show the changes is attached to this paper as a separate Appendix)

JUL 21 7 61. (New) A device having a precursor layer comprising:

12/09/2002 ANISE1 00000004 substrate including at least one semiconductor layer;
 01 FC:1201
 02 FC:1202
 a first semiconductor device fabricated proximate to said substrate; and
 252.00 DP
 a metal-free silicon-containing precursor layer formed over at least a portion of
 said first semiconductor device.

62. (New) The device of claim 61, wherein the silicon precursor layer comprises a silazane.

PTO/SB/17 (11-01)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL

for FY 2002

Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 924.00)

Complete if Known

FAX RECEIVED

Application Number	10/039,517
Filing Date	January 3, 2002
First Named Inventor	Don Carl Powell
Examiner Name	Dung Anh Le
Group Art Unit	2818
Attorney Docket No.	MIO 0059 V2

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None
 Deposit Account:

Deposit Account Number
Deposit Account Name

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
101 740	201 370	Utility filing fee	
106 330	206 165	Design filing fee	
107 510	207 255	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	

SUBTOTAL (1) (\$ 0-)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Extra Claims	Fee from below	Fee Paid
45	31	14	x 18	= 252
20	12	8	x 84	= 672
				= 0-

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	
103 18	203 9	Claims in excess of 20
102 84	202 42	Independent claims in excess of 3
104 280	204 140	Multiple dependent claim, if not paid
109 84	209 42	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 924.00)

** or number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity/Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for ex parte reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 400	216 200	Extension for reply within second month	
117 820	217 480	Extension for reply within third month	
118 1,440	218 720	Extension for reply within fourth month	
128 1,960	228 980	Extension for reply within fifth month	
119 320	219 160	Notice of Appeal	
120 320	220 160	Filing a brief in support of an appeal	
121 280	221 140	Request for oral hearing	
138 1,510	138 1,510	Petition to Institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,280	241 640	Petition to revive - unintentional	
142 1,280	242 640	Utility issue fee (or reissue)	
143 460	243 230	Design issue fee	
144 620	244 310	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Processing fee under 37 CFR 1.17(q)	
126 180	126 180	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 740	246 370	Filing a submission after final rejection (37 CFR § 1.128(a))	
149 740	249 370	For each additional invention to be examined (37 CFR § 1.129(b))	
179 740	279 370	Request for Continued Examination (RCE)	
189 900	169 900	Request for expedited examination of a design application	
		Other fee (specify)	

*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$ 0-)

SUBMITTED BY

Name (Print/Type)	Julie G. Cope	Registration No. (Attorney/Agent)	48,624	Telephone	(937) 223-2050
Signature	Julie G. Cope			Date	11/22/2002

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

FACSIMILE COVER SHEET

TO: Examiner Dung Anh Le, Art Unit 2818

Company: Assistant Commissioner for Patents
Fax No.: 703/308-7722

FROM: Julie G. Cope, Reg. No. 48,624/amm

Date: November 22, 2002

Pages: 11

(including cover page)

Our Docket No.: MIO 0059 V2

Transmission No.: _____

Patents, Trademarks and Related Matters

Killworth, Gottman, Hagan & Schaeff, L.L.P.
One Dayton Centre
One South Main Street, Suite 500
Dayton, Ohio 45402-2023

937.223.2050
Fax | 937.223.0724
E-mail | hgbs@hgbs.com
www.KGHS.com

FAX RECEIVED

ORIGINAL WILL NOT FOLLOW
 ORIGINAL WILL FOLLOW BY:

REGULAR MAIL
 EXPRESS MAIL
 HAND DELIVERY

NOV 22 2002

TECHNOLOGY CENTER 2800

Remarks:

U.S. Patent Application Serial No. 10/039,517

OFFICIAL

OFFICIAL

OFFICIAL

CONFIDENTIAL FACSIMILE COMMUNICATIONS

The information contained in this facsimile message, and any and all accompanying documents, constitutes confidential information which is the property of Killworth, Gottman, Hagan & Schaeff. If you are not the intended recipient of this information, any disclosure, copying, distribution, or taking of any action in reliance on this information, is strictly prohibited. If you have received this facsimile message in error, please notify us immediately to make arrangements for its return to us. Thank you.